

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S3 | 2 | ("6883120").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 09:02 |
| S2 | 2 | ("6631477").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 10:08 |
| S4 | 2 | ("5128433").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 10:50 |
| S5 | 2 | ("6662197").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 11:02 |
| S7 | 2 | ("6598134").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 11:27 |
| S6 | 2 | ("6754682").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 11:27 |
| S8 | 2 | ("6874046").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 13:52 |
| S9 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 14:40 |
| S10 | 10 | ((("5089958") or ("5263154") or ("5325519") or ("5487160") or ("5638509") or ("5974425") or ("6016553") or ("6141773") or ("6185577") or ("6286113")).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/24 14:41 |

EAST Search History

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| S11 | 8 | ((("5101492") or ("5148432") or ("5568629") or ("5615335") or ("5854942") or ("5857112") or ("6425049") or ("6557123"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/24 14:42 |
| S14 | 66 | ("5086502" "5241672" "5263152" "5513314" "5537533" "5555371" "5564011" "5592611" "5594900" "5596706" "5600784" "5604862" "5608865" "5611049" "5615364" "5633999" "5634052").PN. OR ("5819020").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 16:57 |
| S15 | 71 | ("4403288" "4899342" "4914656" "5175849" "5210866" "5212784" "5239646" "5258984" "5276860" "5297258" "5313612" "5321826" "5345565" "5402428").PN. OR ("5487160").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 16:58 |
| S16 | 32 | ("5241668" "5241669" "5241670" "5263154" "5379412" "5448718" "5487160" "5535381" "5604862" "5852715").PN. OR ("6081875").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 17:07 |
| S17 | 84 | ("4432057" "4459658" "4654819" "4665520" "4686620" "4819156" "4819159" "4868744" "5043866" "5043871" "5072368").PN. OR ("5435004").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 17:10 |
| S12 | 13 | ((("20020118582") or ("20030188097") or ("5257362") or ("5271012") or ("5502836") or ("5615352") or ("5754756") or ("6021509") or ("6058489") or ("6223300") or ("6507890") or ("6651154") or ("5745284"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/24 17:15 |
| S20 | 35 | ("5129088" "5212784" "5276867" "5403639" "5435004" "5515502" "5519844" "5761526" "5819310" "5845295").PN. OR ("6216211").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 17:36 |

EAST Search History

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| S21 | 26 | ("5574851" "5790775" "5809224" "5822782" "5864653").PN. OR ("6058489").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 17:42 |
| S22 | 171 | ("4276595" "4454595" "4612613" "4773004" "4775978" "4805090" "4811279" "4817035" "4825403" "4843544" "4849929" "4908789" "4914656" "4931923" "5479653" "5574851" "5598549" "5604900" "5615352").PN. OR ("5101492" "5809224").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 17:43 |
| S13 | 36 | (S9 S10 S11 S12) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 17:51 |
| S24 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 18:23 |
| S25 | 117 | ("3771137" "4638424" "4771375" "4823333" "4974156" "5101492" "5212772" "5260990" "5269011" "5321826" "5367698" "5381539" "5392244" "5435004" "5459857" "5479654" "5493607" "5497483" "5506986" "5522031" "5535381" "5537585" "5544347" "5555371" "5564037" "5574950" "5581724" "5592432" "5633999" "5680640" "5689732" "5706467" "5734813" "5742792" "5764972" "5835954" "5909483" "5974563" "6108748" "6405294").PN. OR ("5680640" "6108748" "6356977" "6598134").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 18:31 |

EAST Search History

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| S26 | 84 | ("5166936" "5210860" "5297258" "5303244" "5315602" "5331646" "5390187" "5418925" "5440716").PN. OR ("5574851").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 18:34 |
| S23 | 254 | ((S14 S15 S16 S17 S20 S21 S22) not (S9 S10 S11 S12)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 18:45 |
| S28 | 22 | ("4638424" "5276867" "5564037" "5680640" "5832274" "5835954").PN. OR ("6145066").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 18:47 |
| S29 | 26 | ("5297258" "5418925" "5440716" "5515499" "5574851" "5893160" "6032217").PN. OR ("6209059").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/24 18:56 |
| S27 | 88 | ((S24 S25 S26) not (S14 S15 S16 S17 S20 S21 S22 S9 S10 S11 S12)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 19:00 |
| S36 | 133 | (714/9).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |
| S35 | 1471 | (711/162).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |
| S34 | 484 | (711/161).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |
| S33 | 295 | (714/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |

EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| S32 | 630 | (714/7).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |
| S31 | 917 | (714/5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:52 |
| S52 | 26 | ("5297258" "5418925" "5440716" "5515499" "5574851" "5893160" "6032217").PN. OR ("6209059"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S51 | 22 | ("4638424" "5276867" "5564037" "5680640" "5832274" "5835954").PN. OR ("6145066").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S50 | 84 | ("5166936" "5210860" "5297258" "5303244" "5315602" "5331646" "5390187" "5418925" "5440716").PN. OR ("5574851"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S49 | 117 | ("3771137" "4638424" "4771375" "4823333" "4974156" "5101492" "5212772" "5260990" "5269011" "5321826" "5367698" "5381539" "5392244" "5435004" "5459857" "5479654" "5493607" "5497483" "5506986" "5522031" "5535381" "5537585" "5544347" "5555371" "5564037" "5574950" "5581724" "5592432" "5633999" "5680640" "5689732" "5706467" "5734813" "5742792" "5764972" "5835954" "5909483" "5974563" "6108748" "6405294").PN. OR ("5680640" "6108748" "6356977" "6598134").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |

EAST Search History

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|-----|-----|--|------------------------------|----|-----|------------------|
| S48 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S47 | 171 | ("4276595" "4454595" "4612613" "4773004" "4775978" "4805090" "4811279" "4817035" "4825403" "4843544" "4849929" "4908789" "4914656" "4931923" "5479653" "5574851" "5598549" "5604900" "5615352").PN. OR ("5101492" "5809224").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S46 | 26 | ("5574851" "5790775" "5809224" "5822782" "5864653").PN. OR ("6058489"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S45 | 35 | ("5129088" "5212784" "5276867" "5403639" "5435004" "5515502" "5519844" "5761526" "5819310" "5845295").PN. OR ("6216211").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S44 | 84 | ("4432057" "4459658" "4654819" "4665520" "4686620" "4819156" "4819159" "4868744" "5043866" "5043871" "5072368").PN. OR ("5435004"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S43 | 32 | ("5241668" "5241669" "5241670" "5263154" "5379412" "5448718" "5487160" "5535381" "5604862" "5852715").PN. OR ("6081875").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S42 | 71 | ("4403288" "4899342" "4914656" "5175849" "5210866" "5212784" "5239646" "5258984" "5276860" "5297258" "5313612" "5321826" "5345565" "5402428").PN. OR ("5487160").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S41 | 66 | ("5086502" "5241672" "5263152" "5513314" "5537533" "5555371" "5564011" "5592611" "5594900" "5596706" "5600784" "5604862" "5608865" "5611049" "5615364" "5633999" "5634052").PN. OR ("5819020").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S40 | 13 | ((("20020118582") or ("20030188097") or ("5257362") or ("5271012") or ("5502836") or ("5615352") or ("5754756") or ("6021509") or ("6058489") or ("6223300") or ("6507890") or ("6651154") or ("5745284"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 17:53 |
| S39 | 8 | ((("5101492") or ("5148432") or ("5568629") or ("5615335") or ("5854942") or ("5857112") or ("6425049") or ("6557123"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 17:53 |
| S38 | 10 | ((("5089958") or ("5263154") or ("5325519") or ("5487160") or ("5638509") or ("5974425") or ("6016553") or ("6141773") or ("6185577") or ("6286113"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 17:53 |
| S37 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 17:53 |
| S30 | 3 | ((S28 S29) not (S24 S25 S26 S14 S15 S16 S17 S20 S21 S22 S9 S10 S11 S12)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 17:53 |
| S53 | 47 | ((S31 S32 S33 S34 S35) not (S51 S52 S48 S49 S50 S41 S42 S43 S44 S45 S46 S47 S37 S38 S39 S40)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") and @pd>"20030627" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 18:38 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S56 | 63 | (US-6108748-\$ or US-5634033-\$ or US-5615352-\$ or US-5167032-\$ or US-5960216-\$ or US-6098119-\$ or US-6081875-\$ or US-6101507-\$ or US-5875479-\$ or US-6032217-\$ or US-5737509-\$ or US-6269453-\$ or US-5953742-\$ or US-5958067-\$ or US-6487644-\$ or US-5649089-\$ or US-5933653-\$ or US-6092066-\$ or US-5515499-\$ or US-4815028-\$ or US-5987575-\$ or US-6148412-\$ or US-5857208-\$ or US-5381544-\$ or US-5574851-\$ or US-5379418-\$).did. or (US-6035412-\$ or US-5742792-\$ or US-6460123-\$ or US-5675767-\$ or US-4686620-\$ or US-6061769-\$ or US-5809224-\$ or US-6216211-\$ or US-5504861-\$ or US-5522031-\$ or US-5889935-\$ or US-5787485-\$ or US-5479653-\$ or US-6029254-\$ or US-5347653-\$ or US-6044444-\$ or US-6049874-\$ or US-6076148-\$ or US-6023584-\$ or US-5435004-\$ or US-5210865-\$ or US-5819020-\$ or US-5553230-\$ or US-6088816-\$ or US-5682499-\$ or US-5764903-\$ or US-5901327-\$).did. or (US-4166211-\$ or US-5544347-\$ or US-5596706-\$ or US-6023707-\$ or US-6549921-\$).did. or (US-6477627-\$ or US-5974563-\$ or US-6173377-\$ or US-6016553-\$ or US-6052797-\$ or WO-200221275-\$).did. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 19:09 |
| S1 | 0 | 10/642912 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:09 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S57 | 33 | (US-5435004-\$ or US-5933653-\$ or US-5615352-\$ or US-5502836-\$ or US-6223300-\$ or US-6016553-\$ or US-6032217-\$ or US-5574851-\$ or US-6216211-\$ or US-5809224-\$ or US-6108748-\$ or US-5875457-\$ or US-5875479-\$ or US-5212784-\$ or US-5455934-\$ or US-6356977-\$ or US-5086502-\$ or US-6598134-\$ or US-5819020-\$ or US-5487160-\$ or US-6145066-\$ or US-5634033-\$ or US-6209059-\$ or US-5101492-\$ or US-5680640-\$ or US-5857208-\$).did. or (US-5367669-\$ or US-6058489-\$ or US-6631477-\$ or US-6035412-\$ or US-6101497-\$ or US-6081875-\$).did. or (US-20020004890-\$).did. | USPAT; DERWENT | OR | OFF | 2006/05/25 19:10 |
| S59 | 79 | ("4958273" "5051887" "5155845" "5212784" "5241668" "5241669" "5241670").PN. OR ("5504861").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:23 |
| S60 | 62 | ("3544777" "3668644" "4199810" "4432057" "4467421" "4476526" "4503534" "4584681" "4600990" "4602368" "4603406" "4608687" "4608688" "4616312" "4617475" "4636946" "4638424" "4654819" "4686620" "4688219" "4710870" "4747038" "4750106" "4751639" "4755928" "4768193" "4771375" "4805095" "4814971" "4819154" "4916605" "4959774" "5060185" "5089958").PN. OR ("5210865").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:26 |
| S54 | 49 | (S36 not (S31 S32 S33 S34 S35 S51 S52 S48 S49 S50 S41 S42 S43 S44 S45 S46 S47 S37 S38 S39 S40)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:38 |

EAST Search History

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|-----|-----|---|------------------------------|----|-----|------------------|
| S82 | 26 | ("5297258" "5418925" "5440716" "5515499" "5574851" "5893160" "6032217").PN. OR ("6209059"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S81 | 22 | ("4638424" "5276867" "5564037" "5680640" "5832274" "5835954").PN. OR ("6145066").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S80 | 84 | ("5166936" "5210860" "5297258" "5303244" "5315602" "5331646" "5390187" "5418925" "5440716").PN. OR ("5574851"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S79 | 117 | ("3771137" "4638424" "4771375" "4823333" "4974156" "5101492" "5212772" "5260990" "5269011" "5321826" "5367698" "5381539" "5392244" "5435004" "5459857" "5479654" "5493607" "5497483" "5506986" "5522031" "5535381" "5537585" "5544347" "5555371" "5564037" "5574950" "5581724" "5592432" "5633999" "5680640" "5689732" "5706467" "5734813" "5742792" "5764972" "5835954" "5909483" "5974563" "6108748" "6405294").PN. OR ("5680640" "6108748" "6356977" "6598134").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S78 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |

EAST Search History

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|-----|-----|--|------------------------------|----|-----|------------------|
| S77 | 171 | ("4276595" "4454595" "4612613" "4773004" "4775978" "4805090" "4811279" "4817035" "4825403" "4843544" "4849929" "4908789" "4914656" "4931923" "5479653" "5574851" "5598549" "5604900" "5615352").PN. OR ("5101492" "5809224").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S76 | 26 | ("5574851" "5790775" "5809224" "5822782" "5864653").PN. OR ("6058489"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S75 | 35 | ("5129088" "5212784" "5276867" "5403639" "5435004" "5515502" "5519844" "5761526" "5819310" "5845295").PN. OR ("6216211").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S74 | 84 | ("4432057" "4459658" "4654819" "4665520" "4686620" "4819156" "4819159" "4868744" "5043866" "5043871" "5072368").PN. OR ("5435004"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S73 | 32 | ("5241668" "5241669" "5241670" "5263154" "5379412" "5448718" "5487160" "5535381" "5604862" "5852715").PN. OR ("6081875").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S72 | 71 | ("4403288" "4899342" "4914656" "5175849" "5210866" "5212784" "5239646" "5258984" "5276860" "5297258" "5313612" "5321826" "5345565" "5402428").PN. OR ("5487160").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |

EAST Search History

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| S71 | 66 | ("5086502" "5241672" "5263152" "5513314" "5537533" "5555371" "5564011" "5592611" "5594900" "5596706" "5600784" "5604862" "5608865" "5611049" "5615364" "5633999" "5634052").PN. OR ("5819020").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S70 | 13 | ((("20020118582") or ("20030188097") or ("5257362") or ("5271012") or ("5502836") or ("5615352") or ("5754756") or ("6021509") or ("6058489") or ("6223300") or ("6507890") or ("6651154") or ("5745284"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S69 | 8 | ((("5101492") or ("5148432") or ("5568629") or ("5615335") or ("5854942") or ("5857112") or ("6425049") or ("6557123"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S68 | 10 | ((("5089958") or ("5263154") or ("5325519") or ("5487160") or ("5638509") or ("5974425") or ("6016553") or ("6141773") or ("6185577") or ("6286113"))).PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S67 | 18 | ("5167032" "5379418" "5435004" "5634033" "5809224" "5819020" "5875479" "5987575" "6035412" "6081875" "6101497" "6216211" "6269453" "6487644").PN. OR ("6631477").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/25 19:39 |
| S66 | 133 | (714/9).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S65 | 1471 | (711/162).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S64 | 484 | (711/161).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |

EAST Search History

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| S63 | 295 | (714/20).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S62 | 630 | (714/7).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S61 | 917 | (714/5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:39 |
| S83 | 70 | ((S59 S60) not (S56 S66 S61 S62 S63 S64 S65 S81 S82 S78 S79 S80 S71 S72 S73 S74 S75 S76 S77 S67 S68 S69 S70)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 19:57 |
| S84 | 36 | (US-5435004-\$ or US-5933653-\$ or US-5615352-\$ or US-5502836-\$ or US-6223300-\$ or US-6016553-\$ or US-6032217-\$ or US-5574851-\$ or US-6216211-\$ or US-5809224-\$ or US-6108748-\$ or US-5875457-\$ or US-5875479-\$ or US-5212784-\$ or US-5455934-\$ or US-6356977-\$ or US-5086502-\$ or US-6598134-\$ or US-5819020-\$ or US-5487160-\$ or US-6145066-\$ or US-5634033-\$ or US-6209059-\$ or US-5101492-\$ or US-5680640-\$ or US-5857208-\$).did. or (US-5367669-\$ or US-6058489-\$ or US-6631477-\$ or US-6035412-\$ or US-6101497-\$ or US-6081875-\$ or US-5974563-\$ or US-5504861-\$ or US-5210865-\$).did. or (US-20020004890-\$).did. | USPAT; DERWENT | OR | OFF | 2006/05/25 20:17 |
| S85 | 7 | S84 and (ccw startio) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 21:29 |

EAST Search History

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| S86 | 4 | S84 and (relabel\$4 re-label\$4 renam\$3 re-nam\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 21:33 |
| S87 | 8 | S84 and (simulat\$4 revert\$3 reversion\$1 dummy) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 21:35 |
| S58 | 48 | (S56 not S57) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 21:35 |
| S89 | 16 | schneider.in. and (wild adj file).as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/25 21:37 |
| L4 | 29 | (volume near label\$1) near3 (renam\$3 re-nam\$3 re-label\$4 relabel\$4 change changing changes alter\$6 modif\$8 vary\$3 variabl\$1 revert\$3 rectif\$8 adapt\$4 adjust\$5 revis\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:29 |
| L3 | 2 | (volume adj label\$1) with (renam\$3 re-nam\$3 re-label\$4 relabel\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:29 |
| S90 | 10 | (S89) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:41 |
| L6 | 16 | (4 not 3) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:50 |
| L9 | 149 | (simulat\$4 with (disk\$1 array\$1) with (command\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:57 |

EAST Search History

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| L7 | 21 | ((simulat\$4 with (relabel\$4 re-label\$4 renam\$3 re-nam\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 13:57 |
| L11 | 679 | ((simulat\$4 model\$4) with ((disk\$1 array\$1 volume\$1) near3 (command\$1 operation\$1 instruction\$1 procedure\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:00 |
| L15 | 1201 | ((simulat\$4) with (disk\$1 array\$1 volume\$1) with (command\$1 operation\$1 instruction\$1 procedure\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:01 |
| L13 | 132 | (12) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:01 |
| L8 | 4 | (7) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:01 |
| L14 | 102 | (12) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 14:02 |
| L12 | 276 | ((simulat\$4 model\$4) near3 ((disk\$1 array\$1 volume\$1) near3 (command\$1 operation\$1 instruction\$1 procedure\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:02 |
| L10 | 2641 | ((simulat\$4 model\$4) with (disk\$1 array\$1 volume\$1) with (command\$1 operation\$1 instruction\$1 procedure\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:03 |
| L19 | 24 | ((simulat\$4) near3 (command\$1 operation\$1 instruction\$1 procedure\$1)) with ((without no) adj (change changing changes alter\$6 modif\$8 vary\$3 variabl\$1 revert\$3 rectif\$8 adapt\$4 adjust\$5 revis\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:05 |

EAST Search History

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| L18 | 11 | ((simulat\$4) near(command\$1 operation\$1 instruction\$1 procedure\$1)) with ((without no) adj (change changing changes alter\$6 modif\$8 vary\$3 variabl\$1 revert\$3 rectif\$8 adapt\$4 adjust\$5 revis\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:05 |
| L20 | 5 | (19) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 14:13 |
| L16 | 163 | ((simulat\$4) near3 ((disk\$1 array\$1 volume\$1) near3 (command\$1 operation\$1 instruction\$1 procedure\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:21 |
| L22 | 386 | ((simulat\$4) near2 (command\$1 operation\$1 instruction\$1 procedure\$1)) with (disk\$1 array\$1 volume\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:22 |
| L21 | 507 | ((simulat\$4) near3 (command\$1 operation\$1 instruction\$1 procedure\$1)) with (disk\$1 array\$1 volume\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:22 |
| L24 | 4 | simulat\$3 adj (disk storage array) adj (command\$1 operation\$1 management) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:23 |
| L23 | 246 | ((simulat\$4) near (command\$1 operation\$1 instruction\$1 procedure\$1)) with (disk\$1 array\$1 volume\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 14:23 |
| L17 | 58 | (16) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 14:23 |
| L27 | 205 | (gerald and mcbrearty).in. and (ibm (international adj business adj machine\$1)).as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 15:32 |
| L26 | 209 | (gerald and mcbrearty).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 15:32 |

EAST Search History

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| L25 | 4 | (24) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 15:33 |
| L29 | 3 | (28) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 15:44 |
| L30 | 0 | ((test\$3 prepar\$3 simulat43) near3 disk) with (for adj use) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | OFF | 2006/05/26 15:45 |
| L32 | 3 | 26 and (mirror\$3 with (logical adj volume\$1)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 15:46 |
| L28 | 28 | 26 and (mirror\$3 with (logical adj volume\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 15:46 |
| L31 | 0 | ((test\$3 prepar\$3 simulat43) near3 disk) with (for adj use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 15:53 |
| L33 | 6 | snapshot same mirror\$3 same (logical adj volume\$1) same (restor\$3 revert\$3 revers\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:10 |
| L36 | 18 | (snapshot\$1 same mirror\$3 same (logical adj volume\$1)) and (restor\$3 revert\$3 revers\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:11 |
| L35 | 1 | (34) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:11 |
| L34 | 6 | snapshot\$1 same mirror\$3 same (logical adj volume\$1) same (restor\$3 revert\$3 revers\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:11 |

EAST Search History

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| L5 | 16 | (4) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:11 |
| L38 | 21 | ((channel adj command adj word\$1) ccw) and startio | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:42 |
| L37 | 3 | (36) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:42 |
| L40 | 241 | ((channel adj command adj word\$1) ccw) and (startio (start adj i/o)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:43 |
| L39 | 1 | (38) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:43 |
| L44 | 51 | (43) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:44 |
| L43 | 68 | ((channel adj command adj word\$1) ccw) with (startio (start adj i/o)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:44 |
| L42 | 123 | (41) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:44 |
| L41 | 159 | ((channel adj command adj word\$1) ccw) same (startio (start adj i/o)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/26 16:44 |